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| Notice of Allowability | Application No. | Applicant(s) | |
| | 09/653,080 | HIND ET AL. | |
| | Examiner Matthew J. Ludwig | Art Unit 2178 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to Amendment filed 4/30/04.
2. The allowed claim(s) is/are 1-12, 14-25, 27-39 renumbered accordingly to 1-12, 13-24, 25-37.
3. The drawings filed on 30 April 2004 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

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DETAILED ACTION

Allowable Subject Matter

1. Claims 1-12, 14-25, and 27-39 are allowed.
2. The following is a statement of reasons for the indication of allowable subject matter:

The prior art, Java Apache Project, teaches analyzing well-formed XML documents and executing transformations. The reference points to replacing elements with children elements, if they belong to other namespaces, or, if they belong to the XSLT namespace; however, the reference fails to distinguish between two separate transformations. One type of transformation, called a fast transformation that is performed on source documents if they match a specified signature. The second type of transformation, which is called a general-purpose transformation, is performed on specific source documents that do not match the specific criteria. The Java Apache Project further teaches XSLT elements: value-of and apply-templates; however, the reference does not provide a reasonable suggestion for a means of specifying a source node description and a target node description for each of the specified fast transformation.

In reference to independent claims 12 and 25, the claimed features of specifying a signature that identifies a source document type, specifying one or more fast transformations to be performed on documents that match the specified signature, specifying a source node description and a target node description for each of the specified fast transformation, and storing transformation information for each of the specified fast transformations with the transformation information comprising a transformation identifier, the source node description, and the target node description is not shown in the prior art of record and would not have been obvious to one

of ordinary skill in the art to have combined the prior art of record to come up with applicant's claimed invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew J. Ludwig whose telephone number is 703-305-8043. The examiner can normally be reached on 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on 703-308-5465. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ML
July 28, 2004



STEPHEN S. HONG
PRIMARY EXAMINER

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